



Lighting Suspension Solutions



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SUSPENSION SYSTEMS



Golden Peacock is one of the world's leading manufacturers of wire rope suspension system. We offer complete solutions to suspend static load by offering 3 ball and 6 ball bearing locking mechanism in different materials along with wire ropes in varied thicknesses and end attachments.

Golden Peacock Wire rope suspension (GPWS) is increasingly being used for mounting building services components in commercial, public sector and industrial buildings. GPWS is a safe and reliable solution and is tested independently by TUV, UL and complies with SMACNA standards.

There are major advantages of flexible positioning and installation productivity benefits compared to traditional systems. GPWS helps adopting an eco-friendly approach by drastically reducing the steel consumption & reducing carbon footprints due to ease of logistics.

GPWS can be used to support a very wide range of loads and objects.

Almost any piece of building services equipment could be suspended using wire ropes, such as:

- Pipework
- Ductwork
- Cable trays
- Ceiling grids
- Luminaires and lighting systems
- Large signs and indicator display
- Decorative objects
- Fan coils and air handling units

Advantages of GPWS

- Aesthetically pleasing & Lightweight products.
- Easy to adjust without special tools, making it hassle free installation.
- Faster to install compared to threaded rods, save time and money.
- Less storage space required.
- Easy to handle & transport at site.
- Can easily be installed at an angle, serves multiple applications.
- Offers 5:1 safety feature for vertical plane.
- Offers different sizes to carry specific weight range for different applications.
- Optional locknuts are available for superior safety to avoid damage due to accidental movement/ seismic vibration.

Gripper

A Gripper is a sophisticated piece of hardware that allows the user to adjust the height of a fixture without utilizing tools. As a cable slides through the gripper, a plunger and three balls within the gripper surround the outside diameter and catch the cable as it passes through the gripper. When mounted and weight is applied to the gripper, the tension forces the balls to grab the cable in a pinching movement.

The use of six balls offers maximum safe working load by gripping the wire at six points. Balls have the advantage of rolling instead of sliding which makes it easier for the mechanism to grip the wire.

It is a limitation of serrated wedge grippers that the wedge needs to slide under high loads and can sometimes stick in the passage of the gripper and it becomes difficult to release the wedge through its actuating pin, by hand, in order to release the cable.



With Safety Lock



GPCB - 360



GPCB - 376



GPCB - 397



GPCB - 436

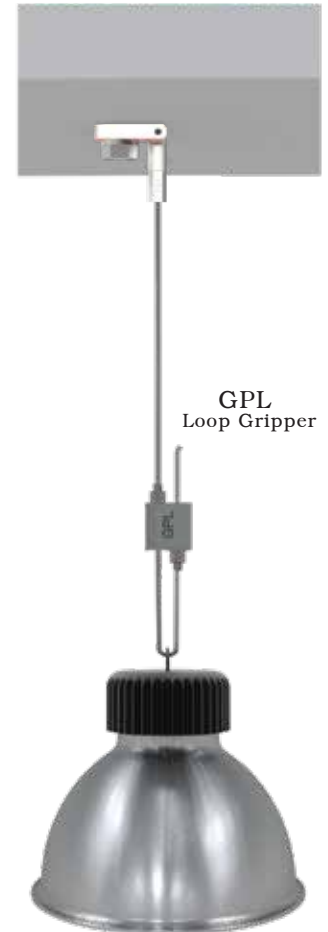
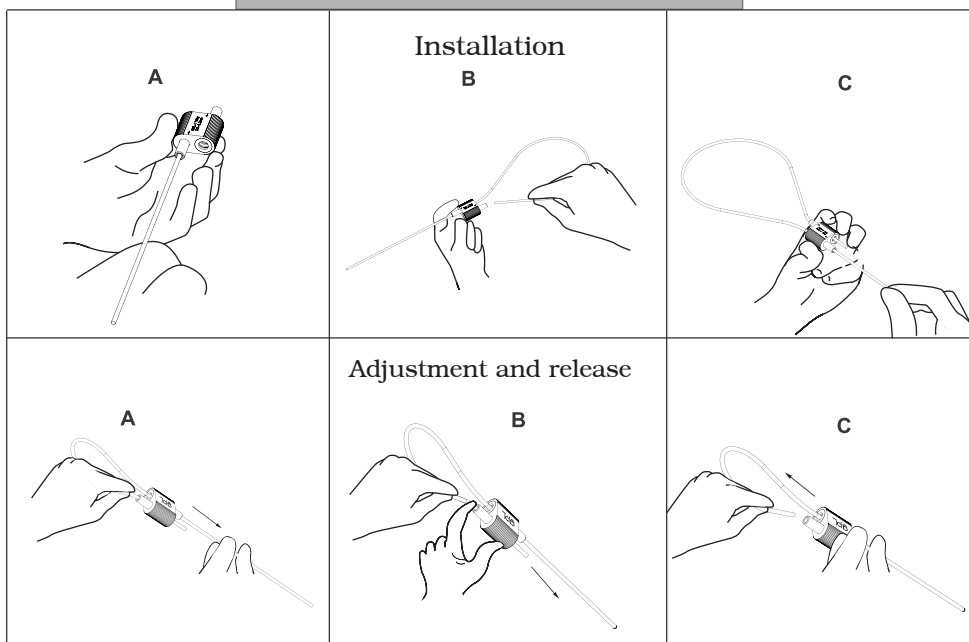


GPCB - 437

PRODUCT CODE	MATERIAL	WIRE RANGE	SAFETY FACTOR	MINIMUM SAFE WORKING LOAD (KG)
GPCB 360	Brass	1mm	5:1	Up to 10
GPCB 376	Brass	1.5mm	5:1	Up to 30
GPCB 397	Brass	1.5mm	5:1	Up to 30
GPCB 436	Aluminum	1.5mm	5:1	Up to 30
GPCB 437	Aluminum	2.0mm	5:1	Up to 56

Note: The correct gripper and wire rope combination should be used to ensure desired minimum safe working loads.

HOW DOES IT WORKS

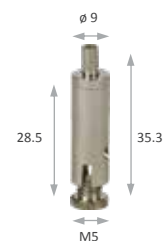


GPL Loop Gripper

Minimum breaking load 150 Kg

(All size come with a 5:1 Safety factor)

SIDE EXIT GRIPPERS



CODE : GPCB-219G
WIRE : ϕ 1.2-1.5mm



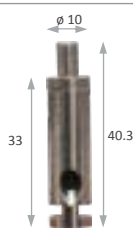
CODE : GPCB-219E
WIRE : ϕ 1.2-1.5mm



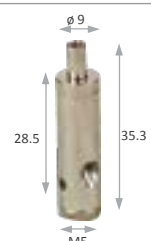
CODE : GPCB-219H
WIRE : ϕ 1.2-1.5mm



CODE : GPCB-210A
WIRE : ϕ 1.2-1.5mm



CODE : GPCB-315
WIRE : ϕ 1.2-1.5mm



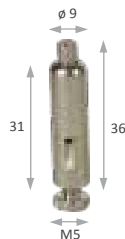
CODE : GPCB-219F
WIRE : ϕ 1.2-1.5mm



CODE : GPCB-323
WIRE : ϕ 1.2-1.5mm



CODE : GPCB-323A
WIRE : ϕ 1.2-1.5mm



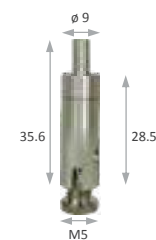
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WIRE : ϕ 1.2-1.5mm



CODE : GPCB-323D
WIRE : ϕ 1.2-1.5mm



CODE : GPCB-314
WIRE : ϕ 1.2-1.5mm



CODE : GPCB-314A
WIRE : ϕ 1.2-1.5mm



CODE : GPCB-207A
WIRE : ϕ 1.2-1.5mm



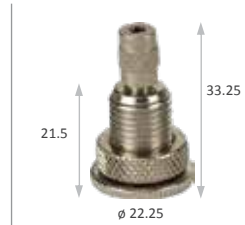
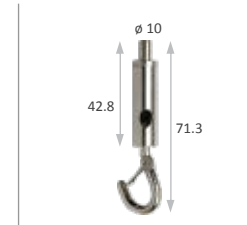
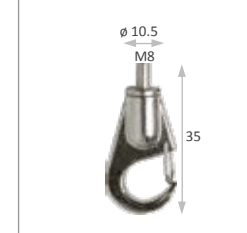
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WIRE : ϕ 1.2-1.5mm



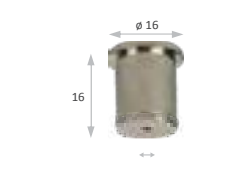
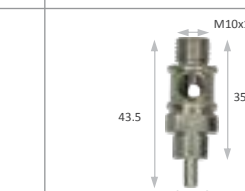
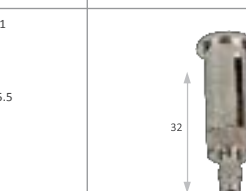
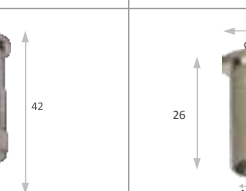
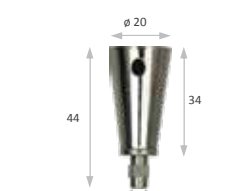
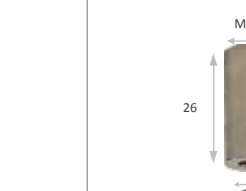
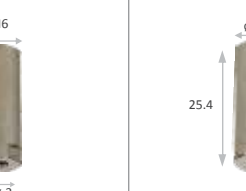
CODE : GPCB-206
WIRE : ϕ 1.2-1.5mm



Aesthetically pleasing,
easy to install GPWS product

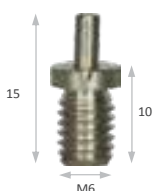
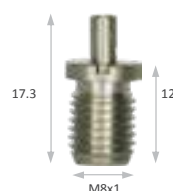
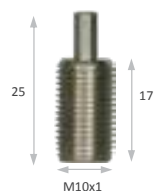
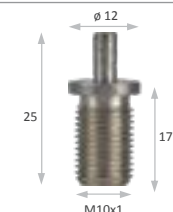
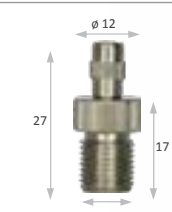
 30 36 ø 17.5 CODE : GPCB-339 WIRE : ø 1.2-1.5mm	 47.3 38.3 28.3 ø 10 CODE : GPCB-218 WIRE : ø 1.2-1.5mm	 21.5 33.25 ø 22.25 CODE : GPCB-340 WIRE : ø 2.0-2.5mm	 29.5 36.2 ø 10 CODE : GPCB-311 WIRE : ø 1.2-1.5mm	 42.8 71.3 ø 10 CODE : GPCB-386 WIRE : ø 1.2-1.5mm
 44.8 33.5 ø 22.0 CODE : GPCB-391 WIRE : ø 1.2-1.5mm	 44.8 33.5 ø 22.0 CODE : GPCB-392 WIRE : ø 1.2-1.5mm	 27 17 ø 16 CODE : GPCB-224 WIRE : ø 1.2-1.5mm	 49 39.7 ø 10 CODE : GPCB-208 WIRE : ø 1.2-1.5mm	 35 ø 10.5 M8 CODE : GPCB-387 WIRE : ø 1.2-1.5mm

CEILING ATTACHMENTS

 16 ø 16 ø 2.3 CODE : GPCA-102 WIRE : ø 1.2-1.5mm	 17 11.5 ø 2 CODE : GPCA-103 WIRE : ø 1.2-1.5mm	 15 ø 15 M5 ø 2 CODE : GPCA-104 WIRE : ø 1.2-1.5mm	 13.3 ø 4.5 1.8 ø 11.5 CODE : GPCA-114 WIRE : ø 1.2-1.5mm	 22 M6 2.5 ø 15 CODE : GPCA-116 WIRE : ø 1.2-1.5mm
 31 ø 16 41 CODE : GPCA-280 WIRE : ø 1.2-1.5mm	 25.5 ø 12.5 M6 CODE : GPCA-105 WIRE : ø 2.0-2.5mm	 43.5 M10x1 35.5 ø 15 CODE : GPCA-285 WIRE : ø 1.2-1.5mm	 32 ø 16 42 CODE : GPCA-341 WIRE : ø 1.2-1.5mm	 26 ø 16 ø 5.4 M10x1 CODE : GPCA-106 WIRE : ø 1.2-1.5mm
 44 ø 20 34 ø 5 CODE : GPCA-279 WIRE : ø 1.2-1.5mm	 40 M13 ø 2.8 CODE : GPCA-109 WIRE : ø 2.0-2.5mm	 26.15 ø 12 ø 2 CODE : GPCA-110 WIRE : ø 1.2-1.5mm	 26 M6 ø 3 CODE : GPCA-108 WIRE : ø 2.0-2.5mm	 25.4 ø 11.7 ø 3 CODE : GPCA-107 WIRE : ø 2.0-2.5mm

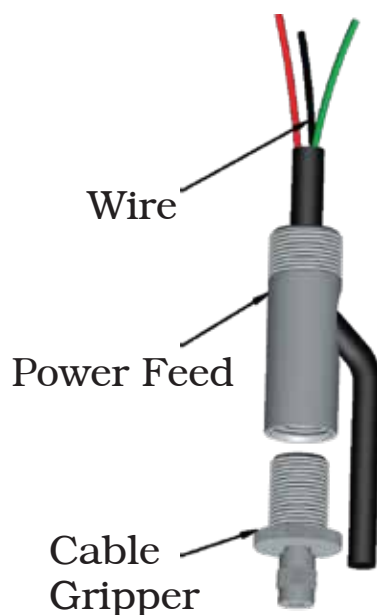
BOTTOM EXIT GRIPPERS



 CODE : GPCB-292 WIRE : ϕ 1mm	 CODE : GPCB-211 WIRE : ϕ 1-1.2mm	 CODE : GPCB-216 WIRE : ϕ 1-1.2mm	 CODE : GPCB-209 WIRE : ϕ 1.0-1.2mm
 CODE : GPCB-213 WIRE : ϕ 1.2-1.5mm	 CODE : GPCB-243A WIRE : ϕ 1.2-1.5mm	 CODE : GPCB-242 WIRE : ϕ 1.2-1.5mm	 CODE : GPCB-221 WIRE : ϕ 1.2-1.5mm
 CODE : GPCB-324 WIRE : ϕ 1.2-1.5mm	 CODE : GPCB-310 WIRE : ϕ 1.2-1.5mm	 CODE : GPCB-251 WIRE : ϕ 1.2-1.5mm	 CODE : GPCB-261 WIRE : ϕ 1.2-1.5mm



POWER FEED TUBES



 CODE : GPPF-101	 CODE : GPPF-102	 CODE : GPPF-103	 CODE : GPPF-105
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CODE : GPSK-122



CODE : GPSK-234



CODE : GPSK-120



CODE : GPSK-235



CODE : GPSK-117



CODE : GPSK-127



CODE : GPSK-125



CODE : GPSK-126



CODE : GPSK-118



CODE : GPSK-223



CODE : GPSK-224



CODE : GPSK-248



CODE : GPSK-301



CODE : GPSK-302



CODE : GPSK-303



CODE : GPSK-304



CODE : GPSK-305



CODE : GPSK-306



CODE : GPSK-307



CODE : GPSK-308



CODE : GPSK-309



CODE : GPSK-310

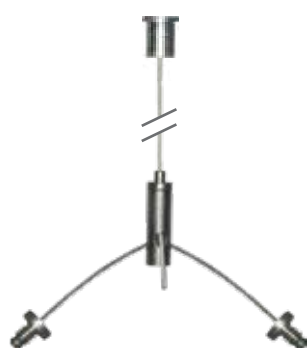


CODE : GPSK-311



CODE : GPSK-312

Y-KIT SUSPENSIONS



CODE : GPSK-238



CODE : GPSK-210



CODE : GPSK-239



CODE : GPSK-212



CODE : GPSK-240



CODE : GPSK-241



CODE : GPSK-221



CODE : GPSK-220



CODE : GPSK-242



CODE : GPSK-243



CODE : GPSK-244



CODE : GPSK-245



CODE : GPSK-213



CODE : GPSK-246



CODE : GPSK-216



CODE : GPSK-236

TOGGLE

Wire rope crimped with end stoppers and toggle plates.

VK01	
Wire Dia.	1.5 mm
Material	Wire: Steel Ferrule: Aluminium Toggle: Steel
Wire Construction	7x7



SNAPHOOK

Wire rope crimped with snaphooks.

VK02	
Wire Dia.	1.5 mm
Material	Wire: Steel Ferrule: Aluminium Snaphook: Steel
Wire Construction	7x7



EYEBOLT

Wire rope crimped with M6, M8 eyebolt.

VK03	
Wire Dia.	1.5 mm
Material	Wire: Steel Ferrule: Aluminium Eyebolt: Steel
Wire Construction	7x7



Function:

Recommended for the suspension of HVAC, electrical and mechanical services.

Applications:

Suitable for use on lighting products etc.

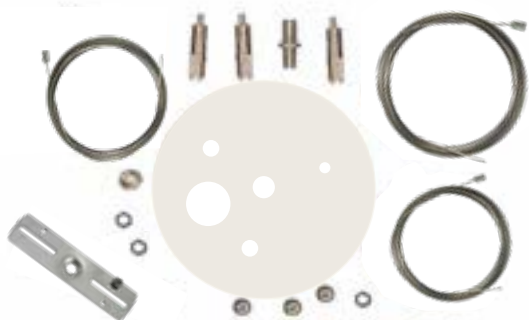
Technical Data:

- SMACNA compliance-all products carry a 5:1 Safety factor
- As per UL 1598, CSA C22.2 No. 250.0-08
- Tested & Certified by UL & TUV Nord.

SUSPENSION KITS



GPSK-251

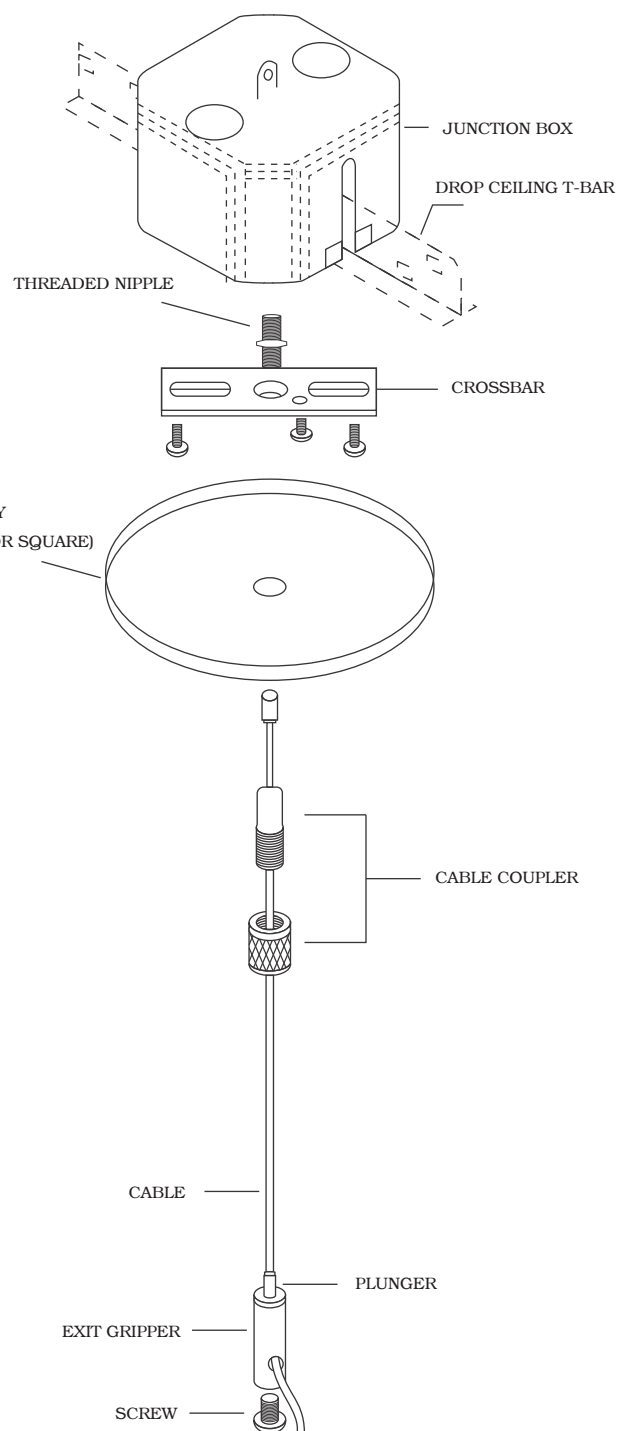


5 inch canopy plate assembly	Canopy : 1 Pc, Knurling Screw : 3 Pcs, Hex Nut : 3 Pcs,
Steel galvanise wire with zinc Casted end	3 Pcs
Side exit gripper	3 Pcs
Final	1/16 in (1.5 mm) Total wire lenght 10 Ft. (1 pc)
Threaded nipple	1 Pc
Nut	1 Pc
Ground strip	1 Pc
Ground screw headed with Green pasivation	1 Pc

GPSK-252



5 Inch canopy plate	1 Pc
Bottom exit gripper	3 Pc
Coupler	1 Pc
Steel Galvanised with zinc casted end	1/16 in (1.5 mm) total wire length 10 ft. (1 Pc)
Threaded nipple	1 Pc
Nut	1 Pc
Ground strip	1 Pc
Ground screw headed with green pasivation	1 Pc



Wire ropes are built up from individual wires. The most common are mild steel (Galvanized) and stainless steel.

A number of wires together form a strand, and several strands will be twisted together to form a rope.

Characteristics like fatigue resistance and resistance to abrasion are directly affected by the design of strands.

GPWS offers wire ropes in various thicknesses & in customized lengths.

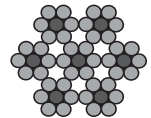
- Customized wire rope spools can be supplied.
- Stainless steel wire rope spools can be supplied
- Remove prefix -GW and add prefix - SS in GPL code for stainless steel cables



S.No.	Material	GPL Code	Cross Section	Thickness			Length	
				Inch	cm	mm	Ft	Mtr
1	Galvanised	GW12300	7x7	3/64"	1.2	1000	300	
2	Galvanised	GW15300	7x7	1/16"	1.5	1000	300	
3	Galvanised	GW16300	7x7	1/16"	1.6	1000	300	
4	Galvanised	GW20300	7x7	5/64"	2.0	1000	300	
5	Galvanised	GW24150	7x7	3/32"	2.4	500	150	

WIRE CROSS SECTION

7x7



1x7



Minimum working loads (MSWL)

- Mentioned loads are achieved using GPL gripper and GPL cable only.
- The 5:1 MSWL is tested and approved by TUV norrd Group on specific products.
- Loop gripper load is achieved when used vertically in a looped configuration
- Values in **BLUE** are in kilograms and values in **RED** are in pounds.

CABLE DIAMETER		SAFE WORKING LOAD (KGS/LBS)	
		GAL VANISED CABLE	
MM	INCH FRACTION	LOOP GRIPPERS	SINGLE GRIPPERS
1.0	3/64"	11 / 24	10 / 22
1.2	3/64"	18 / 40	15 / 33
1.5	1/16"	30 / 66	25 / 55
1.6	1/16"	30 / 66	25 / 55
2.0	5/64"	56 / 123	45 / 99
2.4	3/32"	70 / 176	60 / 132

Note: This is a standard load chart but different product combinations offer different safe working loads. Please speak to GPL expert for any clarification.

Precautions

- To ensure hanging system integrity safety and load ratings use only GPL wire rope
- Do not use it for loads beyond the safe working range of the product.
- Do not pass plastic coated cable through the gripper.
- Do not apply any lubricant on any part of the assembly
- Do not use if cable or components are visibly distorted or worn
- Compliance with the local or National codes wherever applicable, is the buyer and/or installer's responsibility
- Do not use in chlorinated or caustic atmosphere, for dry location only

WIRE ROPE END ASSEMBLIES



	Half ball end stop		
	Wire Dia.	Material	SWL
	1.2mm	Zinc	18 kgs
	1.5mm	Steel	30 kgs

	Cylindrical end stop		
	Wire Dia.	Material	SWL
	1.2mm	Zinc	18 kgs
	1.5mm	Steel	30 kgs

	T type end stop		
	Wire Dia.	Material	SWL
	1.2mm	Zinc	18 kgs
	1.5mm	Steel	30 kgs

	Eyelet		
	Wire Dia.	Material	SWL
	1.2mm	Steel	18 kgs
	1.5mm	Steel	30 kgs

	Snap hook		
	Wire Dia.	Material	SWL
	1.2mm	Steel	15 kg
	1.5mm	Steel	25 kg

	Loop ferrule		
	Wire Dia.	Material	SWL
	1.2mm	Steel	18 kgs
	1.5mm	Steel	30 kgs

	Eyelet		
	Wire Dia.	Material	SWL
	1.2mm	Steel	18 kg
	1.5mm	Steel	30 kg

	Toggle		
	Wire Dia.	Material	SWL
	1.0mm	Steel	10 kgs
	1.2mm	Steel	18 kgs
	1.5mm	Steel	30 kgs

	Swivel Eyelet		
	Wire Dia.	Material	SWL
	1.5-1.2mm	Steel	18 kg
	2.4-3.2mm	Steel	30 kg

	Eye Bolt			
	Eye Bolt	Wire	Material	SWL
	M8	1.5mm	Steel	30 kg
		2.0mm	Steel	56 kg
		3.0mm	Steel	113 kg



CB 03



CB 04



CB 05



CB 06



CB 07



CB 08



CB 09



CB 10



CB 11



CB 12



CB 13



CB 14

CEILING MOUNT/CANOPY

S.no	Images	Description	Code	Diameter		Finish
				Cm	Inches	
1		Rounded Canopy	FC2C	5.0	2"	White/Black
		Rounded Canopy	FC5C	12.7	5"	White/Black
2		Rounded Deep Canopy	DC2CH	5.0	2"	White/Black
		Rounded Deep Canopy	DC5CH	12.7	5"	White/Black
3		Square Flat Canopy	DC5CS3	12.7	5"	White/Black

CERTIFICATE OF COMPLIANCE

Certificate Number: UL-CA-2146728-0
Report Reference: E513046-20211112
Date: 9-Dec-2021

Issued to: GOLDEN PEACOCK OVERSEAS LTD
Plot 20-A
Nepz Noida, Uttar Pradesh
India 201305

This is to certify that representative samples of DWMU7 - Conduit and Cable Hardware Certified for Canada
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: CSA C22.2 NO. 18.4-15, 2nd Ed., Issue Date: 2015-02-01, Revision Date: 2019-03-22

Additional Information: See the UL Online Certifications Directory at <https://q.uvapropector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Excellence

UL

Any information and documentation provided in this certificate are provided in partial of UL's UL 2201 (UL 2201) or any other standard of UL. For questions, please contact your local UL representative at UL@ul.com



CERTIFICATE OF COMPLIANCE

Certificate Number: UL-US-2155524-0
Report Reference: E513046-20211112
Date: 9-Dec-2021

Issued to: GOLDEN PEACOCK OVERSEAS LTD
Plot 20-A
Nepz Noida, Uttar Pradesh
India 201305

This is to certify that representative samples of DWMU7 - Conduit and Cable Hardware
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 2239, 2nd Ed., Issue Date: 2015-02-20, Revision Date: 2019-03-22

Additional Information: See the UL Online Certifications Directory at <https://q.uvapropector.com> for additional information

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Look for the UL Certification Mark on the product.

Excellence

UL

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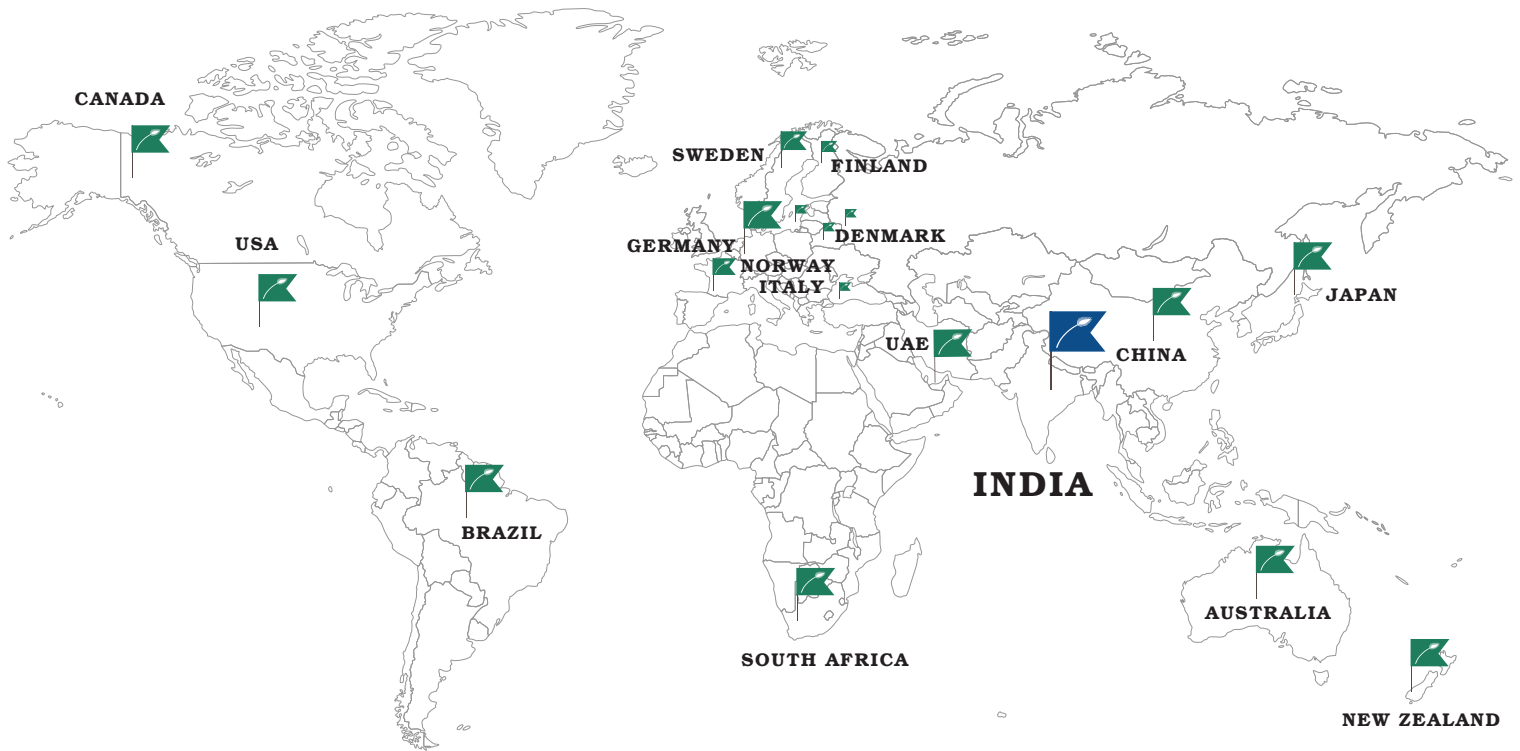
WITNESS TEST REPORT



TUV NORD PRIVATE LIMITED
Jyoti Pancham, 303 & 304,
Bundel Khar, Delhi
Opp. Kirti Complex,
Bharat Nagar, Delhi
Phone: +91 11 2611 1111
Fax: +91 11 2611 1112
Tel: +91 11 2611 1113
Tel: +91 11 2611 1114
Email: info@tuv-nord.com
Website: www.tuv-nord.com

Test Report No.:	TU/PT/MS/17-180001-F	Page 1 of 8
Manufacturer Name & Address	Golden Peacock Overseas Ltd, 25A, NSEZ, Noida, Uttar Pradesh 201305	Issue date: 24.03.2018
EUT Description	GPI Wire Suspension Kit	
Trademark	  	Serial No.: ---
Sample No.	1) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10 2) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10 3) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10 4) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10 5) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10 6) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10 7) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10 8) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10 9) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10 10) GPI Cable Bracket (GPI) 305, 18 Threaded Steel Clipped with 1.5mm (1/16") of Standard Wire, M10	
Date of receipt	02/12/2018	
Condition of sample on receipt	Good	
Witnessing Laboratory Location with Address	Golden Peacock Overseas Ltd, 25A, NSEZ, Noida, Uttar Pradesh 201305	
Witnessing Agency Name & address	TUV India Pvt Ltd 1st Floor, 36/301, B-5, Sector 7, Noida, Uttar Pradesh 110008	
Test specification	ANSI/SMMA 109-2016, and Common Specification	
Test Result	Pass (See page no. 2)	
Other Aspects	This Report consists of 8 pages including this cover page.	
This test report relates to the test sample submitted and list of documents attached		
Witnessed & Prepared by:	Approved by:	Issued by:
		
Name: Anshu Shukla Designation: Engineer	Name: Manish Bhatnagar Designation: Head Lab Operation	Name: Sangeet Shukla Designation: Officer-Customer Relations
Date: 24.03.2018	See: 22/03/2018	Date: 24.03.2018

GPL GLOBAL PRESENCE



ISO 9001:2015



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